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PN - JP 63202845 A 19880822 [JP63202845]

TI - NONAQUEOUS ELECTROLYTE BATTERY

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PA - SANYO ELECTRIC CO LTD

AP - JP03474487 19870218 [1987JP-0034744]

IC1 - H01M-002/08

AB - PURPOSE: To increase the sealing capability and the leakage resistance of a battery by using a sealant comprising asphalt of base material and a specified material.

- CONSTITUTION: A sealant 7 is prepared by adding 5-15 wt.% atactic polypropylene to asphalt which is the base material. The sealant 7 is placed between an insulating gasket 6 and a positive terminal case 2 and between the insulating gasket 2 and a negative terminal plate 4. By using this sealant 7, the generating rate of crack or peeling off caused by dissolution of asphalt into an organic solvent, the expansion, and deterioration of the asphalt can be decreased. Therefore, the sealing capability between the gasket and the positive terminal case and between the gasket and the negative terminal plate is enhanced and the leakage resistance of the battery is increased.

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